

LENGTH AND SPACING TABLE						
APPROACH SPEED*		MINIMUM TAPER LENGTH**	LENGTH OF BUFFER SPACE	CHANNELIZING DEVICE		
				TAPER AREA	BUFFER SPACE	WORK SPACE
MPH	km/h	METER	METER	SPACING IN METERS		
25	40	Shoulder taper formula: $L = \frac{WS^2}{310}$ for $S < 70$ km/h $L = \frac{WS}{3.2}$ for $S \geq 70$ km/h Where: L = Minimum length of taper W = Width of offset in meters S = Metric equivalent of posted speed limit or 85 percentile speed prior to work in kilometers per hour	50	8	15	15
30	50		65	9	18	18
35	55		75	10	21	21
40	65		95	12	24	24
45	70		105	14	27	27
50	80		130	15	30	30
55	90		160	16	33	33

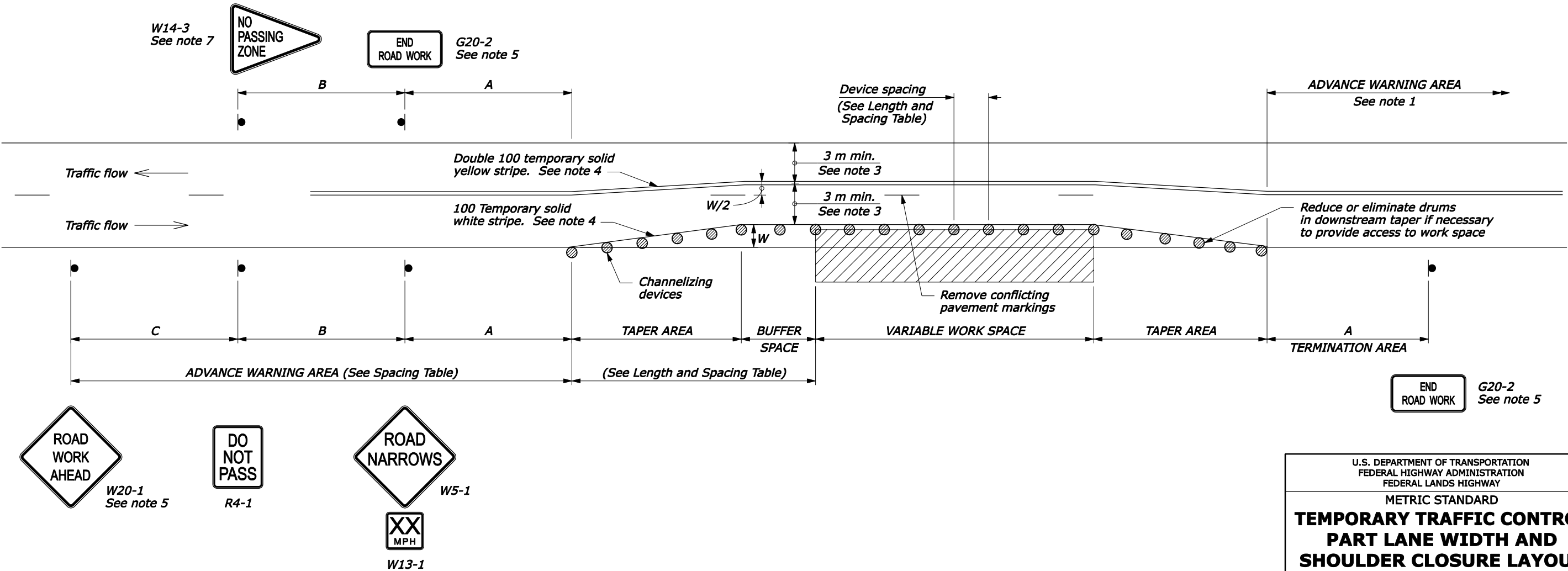
* Approach speed based on the regulatory posted speed, not the advisory speed.

** Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN METERS		
	A	B	C
Urban less than 70 km/h (≤ 40 MPH)	30	30	30
Urban 70 km/h and greater (≥ 45 MPH)	100	100	100
Rural	150	150	150
Expressway/Freeway	300	450	800

NOTE:

- Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
- Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
- Refer to Special Contract Requirements, Section 156, for minimum width.
- If the roadway surface is paved, install temporary pavement markings. If nearest no-passing zone is within 120 m, extend markings to connect zones.
- If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
- Install "PASS WITH CARE" sign (R4-2) at ends of no-passing zone if directed by the CO.
- Omit the W14-3 sign if already within a no-passing zone.
- Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
- If signs will be in place more than 72 consecutive hours, use ground-mounted post.
- Dimensions without units are millimeters.



NO SCALE